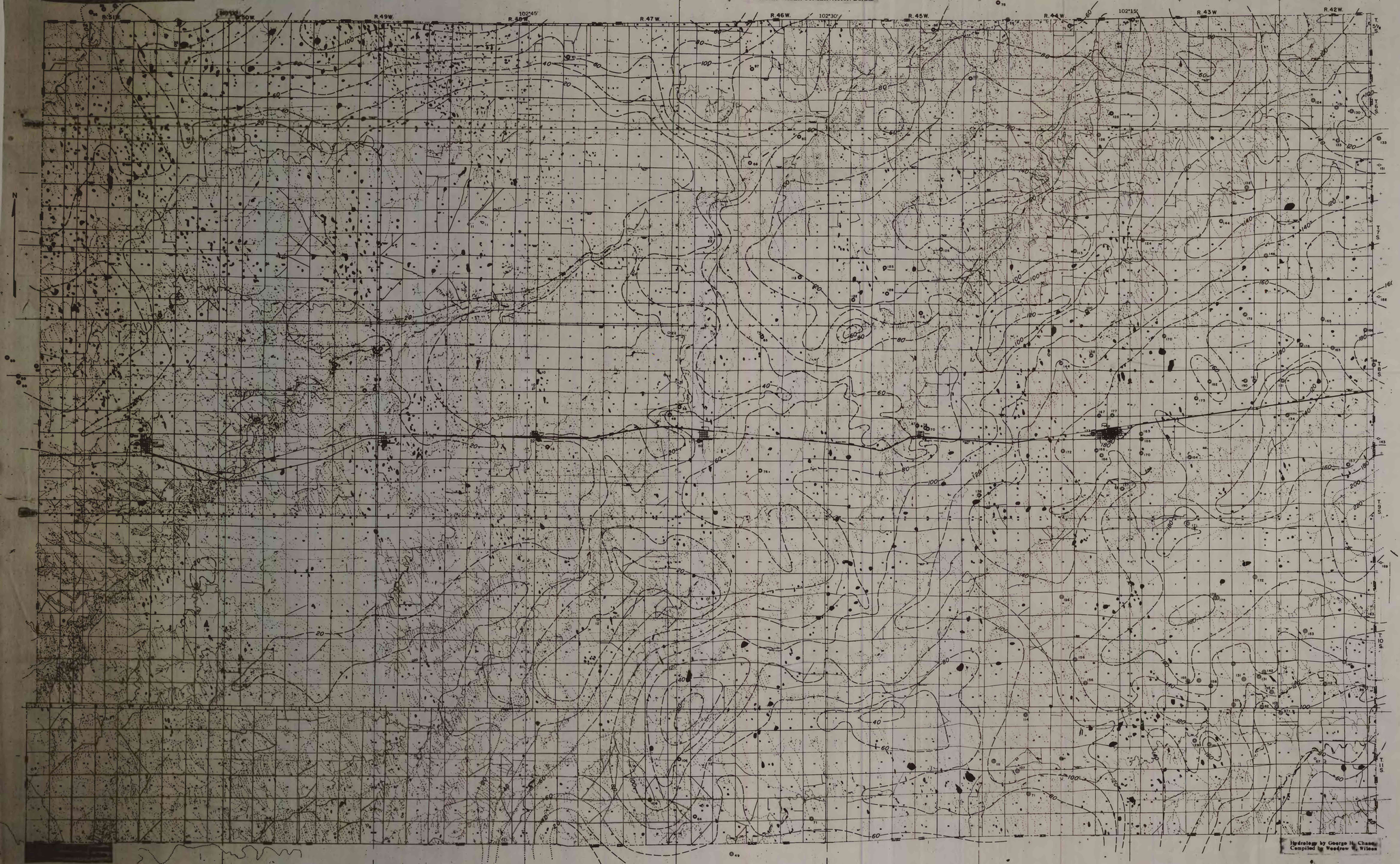
Prepared in cooperation with the
COLORADO WATER CONSERVATION BOARD

PRELIMINARY MAP NO. 3

OPEN FILE MAP NO. 3




Hydrology by George H. Chase
Compiled by Woodrow W. Wilson

EXPLANATION

—40—

Isopach lines drawn through points of equal saturated thickness above Pierre shale, 1954-55, dashed where approximate, dotted where inferred. Contour interval 20 feet.

Domestic or stock well

Municipal well

Irrigation well

Cased test well

Uncased test hole, temporary test or supply well

Number indicates estimated thickness above Pierre shale, in feet, 1954-55.

Wells destroyed after measurements or other data were obtained.

Outcrop of Pierre shale in sides of valleys of South Fork of Republican River and Big Sandy Creek. Estimated thickness of the valley alluvium is variable but generally less than 20 feet.

Depression in land surface, usually solution hollow

2 0 2 4 6 8 10 MILES

2 0 2 4 6 8 10 KILOMETERS

# MAP SHOWING SATURATED THICKNESS OF PRINCIPAL AQUIFER, 1954-55, KIT CARSON COUNTY, COLORADO

SL-25